					ST DEPARTMENT DIVISION O	T OF NAT			ES .		AMENDED	FORM REPORT	13	
APPLICATION FOR PERMIT TO DRILL										1. WELL NAME and N	UMBER			
										Three	Rivers Fed 3	35-42T-72	20	
2. TYPE	OF WORK	DRILL NEW \	WELL 📵 REEI	NTER P&A WE	ELL DEEPEN	WELL [	)		:	3. FIELD OR WILDCA	THREE RIVE	:RS		
4. TYPE	OF WELL		Oil Well	Coalbed Me	ethane Well: NO					5. UNIT or COMMUNI	TIZATION AG	REEMEN	IT NAME	
6. NAME	OF OPERATO	OR .	ULTF	RA RESOURCE	ES INC					7. OPERATOR PHONE	303 645-98	309		
8. ADDR	ESS OF OPER		4 Inverness Way S	outh #295, E	Englewood, CO, 801	12				9. OPERATOR E-MAII kbo	t@ultrapetro	leum.com	1	
	RAL LEASE N AL, INDIAN, OI	R STATE)			MINERAL OWNERS	SHIP DIAN (	STATE (	) FE	EE (	12. SURFACE OWNER FEDERAL IN	400	STATE (	) FEI	E ( )
13. NAM	E OF SURFAC	UTU88623	ox 12 = 'fee')							14. SURFACE OWNER		~_		
15. ADD	RESS OF SUR	FACE OWNER (i	if box 12 = 'fee')							16. SURFACE OWNE	R E-MAIL (if	box 12 =	'fee')	
17. INDIA	AN ALLOTTEE	OR TRIBE NAM	E		INTEND TO COMM		RODUCTION	N FROM	ı	19. SLANT				
(if box 1	2 = 'INDIAN')	1			LTIPLE FORMATIOI ÆS (Submit C		ling Applicati	ion) N	10 📵	VERTICAL DI	RECTIONAL ((	ј ноғ	RIZONTA	L 🔵
20. LOC	ATION OF W	ELL		FOOTA	AGES	QT	R-QTR	SI	ECTION	TOWNSHIP	RANG	E	MER	RIDIAN
LOCATI	ON AT SURF	ACE		1029 FNL 1	1171 FEL	N	NENE		35	7.0 S	20.0 E			S
Top of	Uppermost P	roducing Zone		1300 FNL	660 FEL	N	IENÉ		35	7.0 S	20.0 E			s
At Tota	l Depth			1300 FNL	660 FEL	N	IENE )		35	7.0 S	20.0 E	=		S
21. COU	NTY	UINTAH		22.	DISTANCE TO NEA	REST LE		eet)		23. NUMBER OF ACR	ES IN DRILLII 40	NG UNIT		
					DISTANCE TO NEA	EAREST WELL IN SAME POOL g. or Completed)  40  26. PROPOSED DEPTH MD: 7373 TVD: 7330								
27. ELE\	ATION - GRO	UND LEVEL		28.	BOND NUMBER					=				
		4880				UTB00	1000593 WATER RIGHTS AFFROMER IT AFFEIGABLE					_		
				7	Hole, Casing	, and C	ement Info	ormatio	on					
String	Hole Size	Casing Size	Length	Weight	Grade & Thre	ead	Max Mud	Wt.		Cement Sacks Yield			Weight	
Cond	20	16	0 - 100	109.0	C-75 Casing/T		0.0			Unknown			0.0	0.0
Surf	11	8.625	0 - 1000	24.0	J-55 LT&C		8.8			Class G 550			1.16	15.8
Prod	7.875	5.5	0 - 5373 5373 - 7373	17.0	J-55 LT&0 N-80 LT&0	_	10.0	_	0 / 11			225 450	1.35	11.0
						TTACH				7 71 2				<u> </u>
					^	TIACIII	MENTO							
	V	ERIFY THE FO	LLOWING ARE	ATTACHE	D IN ACCORDAN	ICE WIT	TH THE UTA	AH OIL	AND GAS	CONSERVATION G	ENERAL R	ULES		
WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER							COMPLETE DRILLING PLAN							
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)							FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)							TOPOGRAPHICAL MAP							
NAME Don Hamilton TITLE Permitting Age						ng Agent	t			<b>PHONE</b> 435 719-2	018			
SIGNATURE DATE 11/24/2014						2014				EMAIL starpoint@e	tv.net			
	MBER ASSIGN 10475501				APPROVAL		Bacqill							
									Pe	ermit Manager				

### ULTRA RESOURCES, INC.

### **8 - POINT DRILLING PROGRAM**

Slim Hole Design 8 5/8" Surface & 5 ½" Production Casing Design

**DATED: 11-03-14** 

Three Rivers Fed 35-42T-720

**SHL: Sec 35 (NENE) T7S R20E** 

Uintah, Utah

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations and the approved Application for Permit to Drill (APD). The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

Three Rivers Fed 35-42T-720

# 1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation Top	Top (TVD)	Comments
Uinta	Surface	
BMSW	2,666' MD / 2,650' TVD	
Green River	3,285' MD / 3,261' TVD	
Mahogany	4,648' MD / 4,606' TVD	
Garden Gulch	5,299' MD / 5,256' TVD	Oil & Associated Gas
Lower Green River*	5,484' MD / 5,441' TVD	Oil & Associated Gas
Wasatch	7,174' MD / 7,131 ' TVD	Oil & Associated Gas
TD	7,373' MD / 7,330' TVD	

### Asterisks (\*) denotes target pay intervals

All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished to the appropriate agencies. Oil and gas shows will be adequately tested for commercial possibilities, reported and protected by casing and cement.

# 2. BOP Equipment

- **A)** The BOPE shall be closed whenever the well is unattended. The appropriate agencies will be notified 24 hours prior to all BOPE pressure tests.
- **B)** The BOPE shall be closed whenever the well is unattended.
- C) All BOPE connections subjected to well pressure will be flanged, welded, or clamped.

#### **D**) Choke Manifold

- 1) Tee blocks or targeted 'T's will be used and anchored to prevent slip and reduce vibration.
- 2) Two adjustable chokes will be used in the choke manifold.
- 3) All valves (except chokes) in kill line choke manifold and choke line will not restrict the flow.
- 4) Pressure gauges in the well control system will be designed for drilling fluid.

#### **E**) BOPE Testing:

- 1) BOPE shall be pressure tested when initially installed, whenever any seal subject to pressure testing is broken, or after repairs.
- 2) All BOP tests will be performed with a test plug in place.
- 3) BOP will be tested to full stack working pressure and annular preventer to 50% stack working pressure.

<u>INTERVAL</u> 0 - 1,000' MD / 1,000' TVD 1,000' MD / 1,000' TVD - 7,373' MD / 7,330' TVD

# **BOP EQUIPMENT**

11" Diverter with Rotating Head 3,000# Ram Double BOP & Annular with Diverter & Rotating Head

Page 2 of 5

NOTE: Drilling spool to accommodate choke and kill lines.

# 3. Casing and Float Equipment Program

#### **CASING:**

Directional Well	Hole Size	OD	Depth MD/TVD	Wt.	Grade & Connection	Cond.
Conductor	20"	16"	+/- 100' MD / 100' TVD	109.0 ppf	C-75	New
Surface	11"	8 5/8"	1,000' MD / 1, 000' TVD	24.0 ppf	J-55, LTC	New
Production (Top)	7 7/8"	5 ½"	5,373' MD / 5,330' TVD	17.0 ppf	J-55, LTC	New
Production (Bottom)	7 7/8'	5 ½'	7,373'MD / 7,330' TVD	17.0 ppf	N/L-80, LTC	New

RECEIVED: November 24, 2014

Three Rivers Fed 35-42T-720

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#### **CASING SPECIFICATIONS:**

Directional Well	Casing OD	Casing ID / Drift ID	Collapse (psi)	Int. Yield (psi)	Ten. Yield (lb)	Jt. Strength (lb)
Surface	8 5/8"	8.097" / 7.972"	1,370	2,950	381,000	244,000
Production (Top)	5 ½"	4.892" / 4.767"	4,910	5,320'	273,000	229,000
Production (Bottom)	5 ½"	4.892"/ 4.767"	6,280	7,740	397,000	348,000

# FLOAT EQUIPMENT:

SURFACE (8 5/8") Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1<sup>st</sup> 4 Joints then every 4<sup>th</sup> joint to surface

PRODUCTION (5 ½") Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1<sup>st</sup> 4 Joints then every 3<sup>rd</sup> joint to 500' into surface casing

# 4. <u>Cementing Programs</u>

CONDUCTOR (13 %") Ready Mix – Cement to surface

SURFACE (8 5/8") Cement Top - Surface

Surface – 1,000' MD / 1,000' TVD± 550 sks Glass G Cement w/ additives, 15.8 ppg, 1.16 cf/sx, 50% excess

Note: The above volumes are based on a gauge-hole + 50% excess.

**PRODUCTION** (5 ½") Cement Top – 500'

500' - 4,000' TVD Lead: 225 sks – Econocem Cement w/ 0.25 lbm Poly-E-Flake, 1%

Granulite TR ¼, 5 lbm Kol-Seal; 11.0 ppg; 3.54 cf/sx; 15% excess

4,000' - 7,373' MD / 7,330' TVD Tail: 450 sks, Expandacem Cement w/ 0.25 lbm Poly-E-Flake, 1 lbm

Granulite TR ¼, 2 lbm Kol-Seal; 14.0 pp; 1.349 cf/sk; 15% excess

Note: Lead Cement will be brought to 4,000' which will give a minimum of 500' above Lower Green River.

- A) For Surface casing, if cement falls or does not circulate to surface, cement will be topped off.
- B) Cement will not be placed down annulus with a 1" pipe unless BLM is contacted.
- C) The appropriate agencies will be notified 24 hours prior to running casing and cementing.
- **D)** All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe (minimum of 8 hours) prior to drilling out.
- E) Prior to drilling out cement, casing will be pressure tested to 1500 psi. Pressure decline must not be greater than 10% (150 psi) in 30 minutes.
- **F**) "Sundry Notices and Reports on Wells", shall be filed with the appropriate agencies within 30 days after the work in completed.
- G) Setting of each string of casing, size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
- **H)** Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
- I) A pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed after drilling 5-10 feet of new hole.

Three Rivers Fed 35-42T-720

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#### 5. Mud Program

The proposed circulating mediums to be employed in drilling are as follows:

Interval	Mud Type	Viscosity	Fluid Loss	pН	Mud Wt. (ppg)
0 – 1,000' MD / 1,000' TVD	Water/Spud Mud	32	No Control (NC)	7.0 -8.2	<8.8
1,000' MD / 1,000' TVD - 7,373' MD / 7,330' TVD	DAP System	40 - 60	10 - 18	7.0-8.2	<10.0

- A) Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations. A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH.
- **B**) The mud monitoring equipment on location will be installed by top of Green River and will be able to monitor at a minimum the pit volume totalizer (PVT), stroke counter, and flow sensor
- C) Flare line discharge will be located no less than 100 feet from the wellhead using straight or targeted 'T' and anchors.

# 6. Evaluation Program - Testing, Logging, and Coring

- **A)** Cores: None anticipated.
- **B)** Testing: None anticipated.
- C) Directional Drilling: Directional tools will be used to locate the bottom hole per the attached directional plan +/-.
- **D)** Open Hole Logs: TD to surface casing: resistivity, neutron density, gamma ray and caliper.
- E) Mud Logs: None anticipated.
- F) Formation to TD; record and monitor gas shows and record drill times (normal mud logging duties).

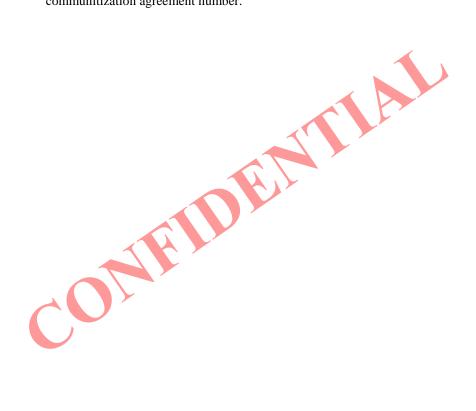
### 7. Anticipated Pressures and H.S.

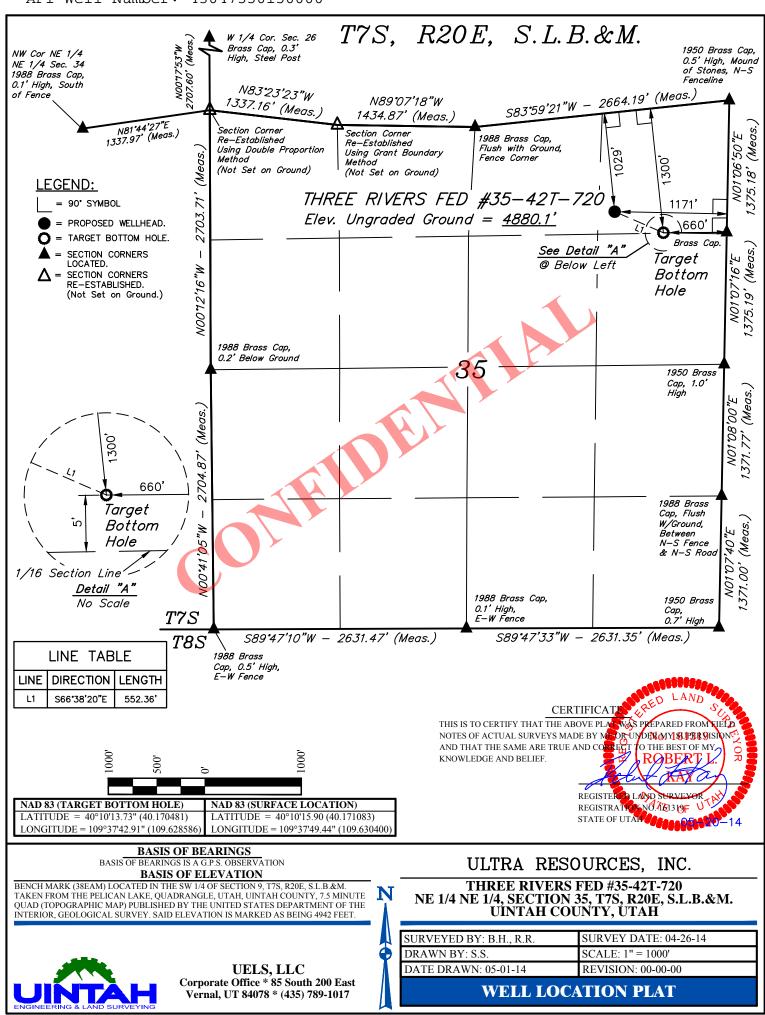
- A) The expected bottom hole pressure is 3,500 3,650 psig. Normal pressures are anticipated from surface to approximately TD. These pressures will be controlled by a blowout preventer stack, annular BOP, choke manifold, mud/gas separator, surface equipment and drilling mud. A supply of barite to weight the mud to a balancing specific gravity, if necessary, will be on location.
- **B)** Maximum expected surface pressure will be based on the frac gradient of the casing shoe. The design of the casing assumes that the MASP will be the fracture pressure at the shoe less a column of gas.
- C) No hydrogen sulfide gas is anticipated, however if H<sub>2</sub>S is encountered, published guidelines will be complied with.

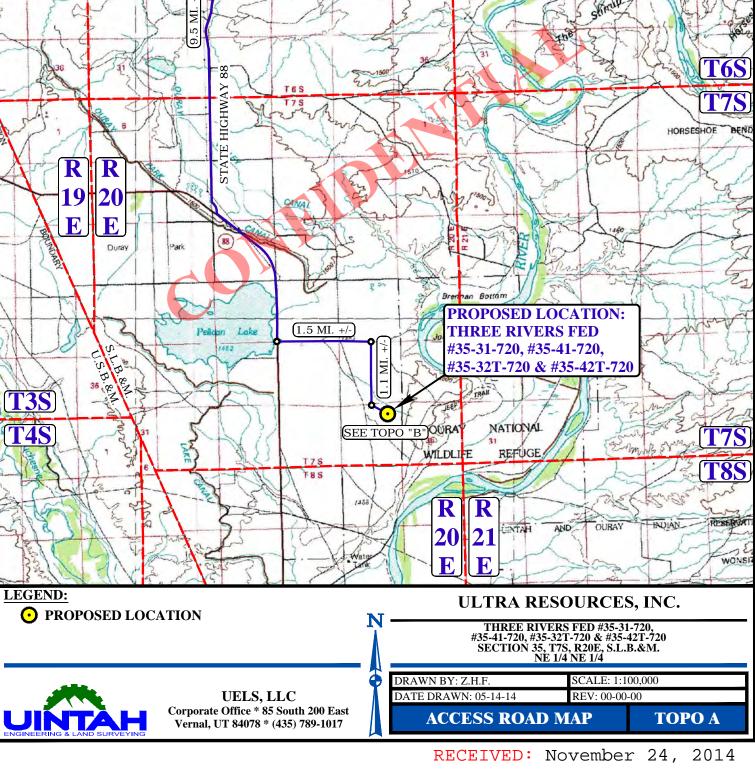
# 8. Other Information and Notification Requirements

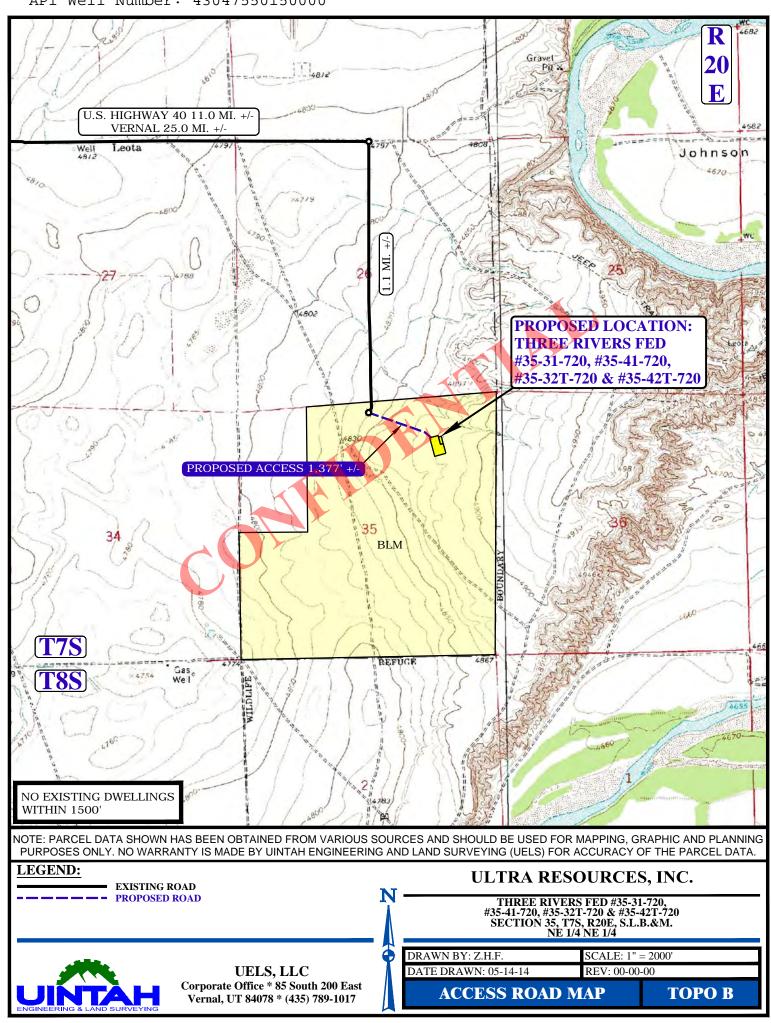
- **A**) There shall be no deviation from the proposed drilling plan as approved. Any changes in operation must have prior approval from the appropriate agency.
  - 1) Anticipated starting date will be upon approval. It is anticipated that completion operations will begin within 15 days after the well has been drilled.
  - 2) It is anticipated that the drilling and completion of this well will take approximately 90 days.
- **B)** Agency required notifications will be followed as outline in the approved APD.
- C) Should the well be successfully completed for production, the appropriate agencies must be notified when it is placed in a producing status. The notification shall provide, as a minimum, the following information items:

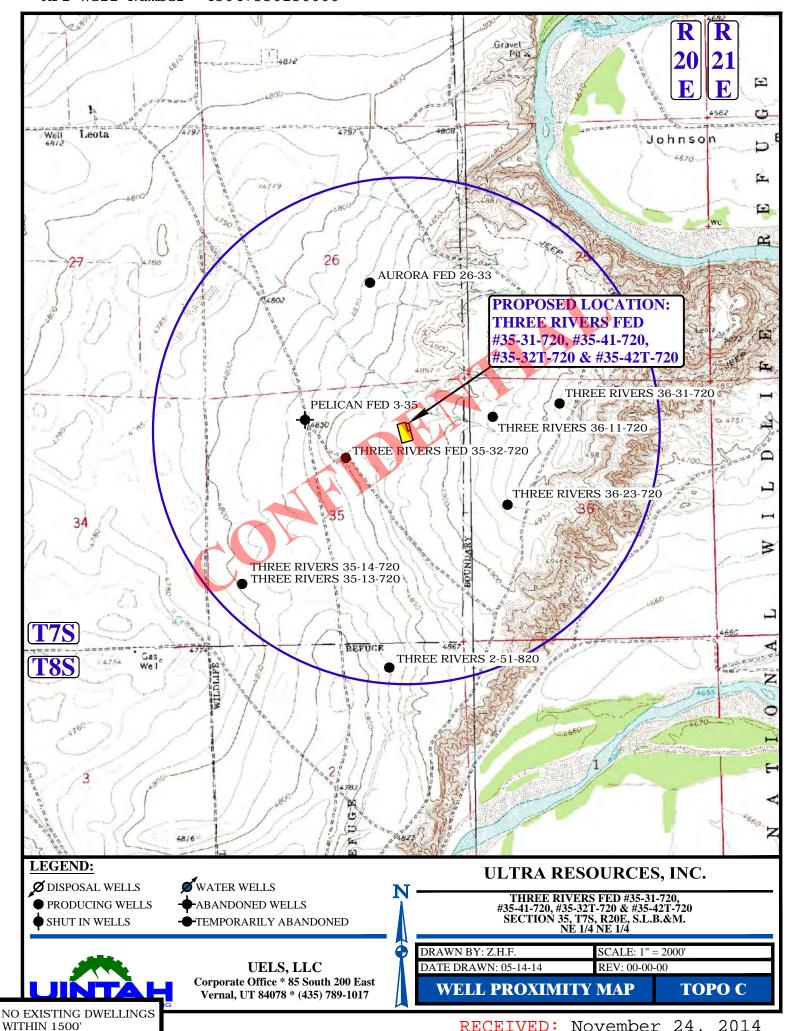
- Operator name, address, and telephone number.
- . Well name and number.
- Well location (1/4 1/4, Section, Township, Range and Meridian)
- Date well was placed in a producing status (date of first production for which royalty will be paid).
- The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
- The lease prefix and number on which the well is located. As appropriate, the unit agreement name, number and participating area name. As appropriate, the communitization agreement number.

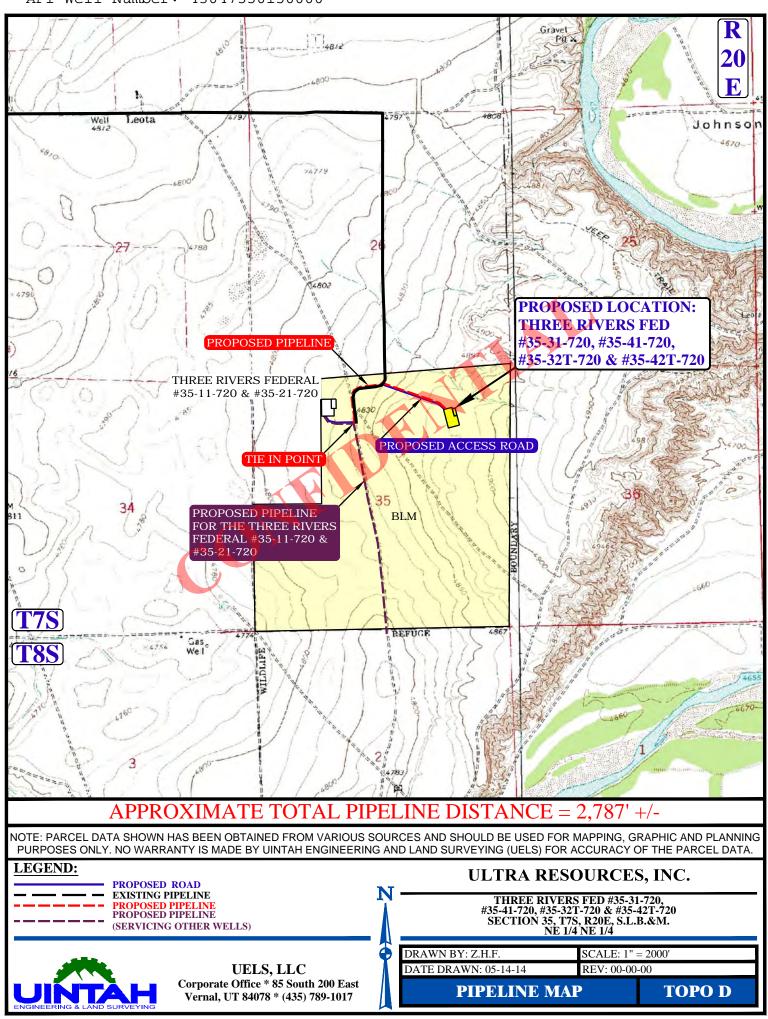


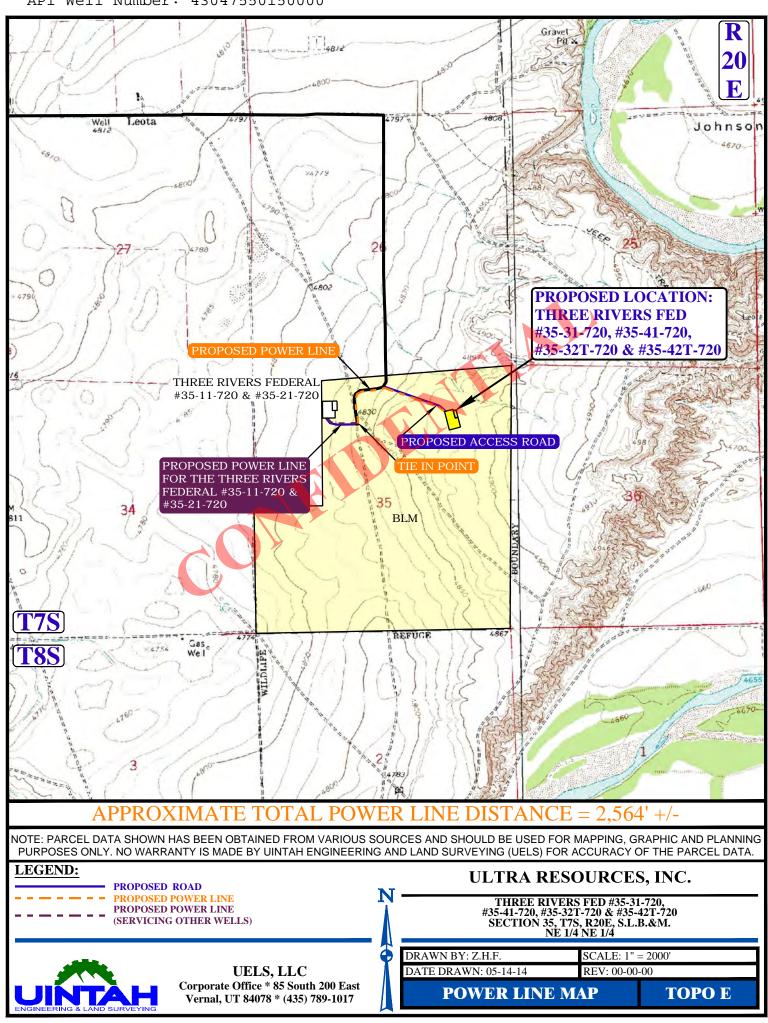












1000

1500

Vertical Section (ft)
Azimuth 113.42° with reference 0.00 N, 0.00 E

2000

2500

3000

3500

Page 1 of 5

API Well Number: 43047550150000



# **Planned Wellpath Report**

Three Rivers Fed 35-42T-720 PWP





REFERENC	REFERENCE WELLPATH IDENTIFICATION							
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 35-42T-720 (1029' FNL & 1171' FEL)					
Area	Three Rivers	Well	Three Rivers Fed 35-42T-720					
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 35-42T-720 PWB					
Facility	Sec.35-T7S-R20E							

REPORT SETUP INFORMATION								
Projection System	NAD83 / Lambert Utah SP, Central Zone (4302), US feet	Software System	WellArchitect® 3.0.0					
North Reference	True	User	Ewilliams					
Scale	0.999916	Report Generated	10/27/2014 at 4:04:25 PM					
Convergence at slot	1.20° East	Database/Source file	WellArchitectDB/Three_Rivers_Fed_35-42T-720_PWB.xml					

WELLPATH LOCATION						
	Local coor	dinates	Grid co	oordinates	Geograph	ic coordinates
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	3026.95	3516.58	2162817.95	7236502.13	40°10'15.900"N	109°37'49.440"W
Facility Reference Pt			2159365.27	7233403.09	40°09'45.990"N	109°38'34.740"W
Field Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"W
			· ·			

WELLPATH DATU	IM	
Calculation method	Minimum curvature	Rig on Three Rivers Fed 35-42T-720 (1029' FNL & 1171' FEL) (RT) to Facility Vertical Datum
		Rig on Three Rivers Fed 35-421-720 (1029 FNL & 1171 FEL) (RT) to Mean Sea Level
Horizontal Reference Pt		
		Rig on Three Rivers Fed 35-42T-720 (1029' FNL & 1171' FEL) (RT) to Mud Line at Slot (Three Rivers Fed 35-42T-720 (1029' FNL
MD Reference Pt	Rig on Three Rivers Fed 35-42T-720 (1029' FNL & 1171' FEL) (RT)	
Field Vertical Reference	Mean Sea Level	Section Azimuth



Planned Wellpath Report Three Rivers Fed 35-42T-720 PWP Page 2 of 5



REFERENC	REFERENCE WELLPATH IDENTIFICATION							
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 35-42T-720 (1029' FNL & 1171' FEL)					
Area	Three Rivers	Well	Three Rivers Fed 35-42T-720					
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 35-42T-720 PWB					
Facility	Sec.35-T7S-R20E	[						

ID ftl	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect	North [ft]	East [ft]	Latitude	Longitude	DLS [º/100ft]	Comments
0.00†	0.000	113.421	0.00	0.00	0.00	0.00	40°10'15.900"N	109°37'49.440"W	0.00	
13.00	0.000	113.421	13.00	0.00	0.00	0.00	40°10'15.900"N	109°37'49.440"W	0.00	i e
113.00†	0.000	113.421	113.00	0.00	0.00	0.00	40°10'15.900"N	109°37'49.440"W	0.00	
120.00†	0.000	113.421	120.00	0.00	0.00	0.00	40°10'15.900"N	109°37'49.440"W	0.00	Base Gravel
213.00†	0.000	113.421	213.00	0.00	0.00	0.00	40°10'15.900"N	109°37'49.440"W	0.00	
313.00†	0.000	113.421	313.00	0.00	0.00	0.00	40°10'15.900"N	109°37'49.440"W	0.00	
413.00†	0.000	113.421	413.00	0.00	0.00	0.00	40°10'15.900"N	109°37'49.440"W	0.00	
513.00†	0.000	113.421	513.00	0.00	0.00	0.00	40°10'15.900"N	109°37'49.440"W	0.00	
613.00†	0.000	113.421	613.00	0.00	0.00	0.00	40°10'15.900"N	109°37'49.440"W	0.00	
713.00†	0.000	113.421	713.00	0.00	0.00	0.00	40°10'15.900"N	109°37'49.440"W	0.00	
813.00†	0.000	113.421	813.00	0.00	0.00	0.00	40°10'15.900"N	109°37'49.440"W	0.00	
913.00†	0.000	113.421	913.00	0.00	0.00	0.00	40°10'15.900"N	109°37'49.440"W	0.00	
1013.00†	0.000	113.421	1013.00	0.00	0.00	0.00	40°10'15.900"N	109°37'49.440"W	0.00	
1113.00†	0.000	113.421	1113.00	0.00	0.00	0.00	40°10'15.900"N	109°37'49.440"W	0.00	
1200.00	0.000	113.421	1200.00	0.00	0.00	0.00	40°10'15.900"N	109°37'49.440"W	0.00	
1213.00†	0.260	113.421	1213.00	0.03	-0.01	0.03	40°10'15.900"N	109°37'49.440"W	2.00	
1313.00†	2.260	113.421	1312.97	2.23	-0.89	2.04	40°10'15.891"N	109°37'49.414"W	2.00	
1413.00†	4.260	113.421	1412.80	7.91	-3.15	7.26	40°10'15.869"N	109°37'49.346"W	2.00	
1513.00†	6.260	113.421	1512.38	17.08	-6.79	15.67	40°10'15.833"N	109°37'49.238"W	2.00	
1613.00†	8.260	113.421	1611.57	29.72	-11.81	27.27	40°10′15.783″N	109°37'49.089"W	2.00	
1671.30	9.426	113.421	1669.17	38.68	-15.37	35.49	40°10'15.748"N	109°37'48.983"W	2.00	
1713.00†	9.426	113.421	1710.31	45.51	-18.09	41.76	40°10'15.721"N	109°37'48.902"W	0.00	
1813.00†	9.426	113.421	1808.96	61.89	-24.60	56.79	40°10'15.657"N	109°37'48.708"W	0.00	
1913.00†	9.426	113.421	1907.61	78.26	-31.11	71.82	40°10'15.593"N	109°37'48.515"W	0.00	
2013.00†	9.426	113.421	2006.26	94.64	-37.62	86.84	40°10'15.528"N	109°37'48.321"W	0.00	
2113.00†	9.426	113.421	2104.91	111.02	-44.13	101.87	40°10'15.464"N	109°37'48.128"W	0.00	
2213.00†	9.426	113.421	2203.56	127.40	-50.64	116.90	40°10'15.400"N	109°37'47.934"W	0.00	
2313.00†	9.426	113.421	2302.21	143.77	-57.15	131.93	40°10'15.335"N	109°37'47.741"W	0.00	
2413.00†	9.426	113.421	2400.86	160.15	-63.66	146.96	40°10'15.271"N	109°37'47.547"W	0.00	
2513.00†	9.426	113.421	2499.51	176.53	-70.17	161,98	40°10'15.207"N	109°37'47.353"W	0.00	
2613.00†	9.426	113.421	2598.16	192.91	-76.68	177.01	40°10'15.142"N	109°37'47.160"W	0.00	
2665.55†	9.426	113.421	2650.00	201.51	-80.10	184.91	40°10'15.108"N	109°37'47.058"W		BMSW
2713.00†	9.426	113.421	2696.81	209.28	-83.19	192.04	40°10'15.078"N	109°37'46.966"W	0.00	
2813.00†	9.426	113.421	2795.46	225.66	-89.70	207.07	40°10'15.014"N	109°37'46.773"W	0.00	Ļ
2913.00†	9.426	113.421	2894.11	242.04	-96.21	222.10	40°10'14.949"N	109°37'46.579"W	0.00	Ļ
3013.00†	9.426	113.421	2992.76	258.41	-102.72	237.12	40°10'14.885"N	109°37'46.385"W	0.00	Ļ
3113.00†	9.426	113.421	3091.41	274.79	-109.23	252.15	40°10'14.821"N	109°37'46.192"W	0.00	Ļ
3213.00†	9.426	113.421	3190.06	291.17	-115.74	267.18	40°10'14.756"N	109°37'45.998"W	0.00	
3284.91†	9.426	113.421	3261.00	302.95	-120.42	277.99	40°10'14.710"N	109°37'45.859"W		Green River Top
3313.00†	9.426	113.421	3288.71	307.55	-122.25	282.21	40°10'14.692"N	109°37'45.805"W	0.00	ļ
3413.00†	9.426	113.421	3387.36	323.92	-128.76	297.24	40°10'14.628"N	109°37'45.611"W	0.00	
3513.00†	9.426	113,421	3486.01	340.30	-135.26	312.26	40°10'14.563"N	109°37'45.417"W	0.00	ļ
3613.00†	9.426	113.421	3584.66	356.68	-141.77	327.29	40°10'14.499"N	109°37'45.224"W	0.00	Ļ
3713.00†	9.426	113.421	3683.31 3781.96	373.06 389.43	-148.28 -154.79	342.32 357.35	40°10'14.435"N 40°10'14.370"N	109°37'45.030"W	0.00	



Planned Wellpath Report Three Rivers Fed 35-42T-720 PWP Page 3 of 5



REFERENC	REFERENCE WELLPATH IDENTIFICATION							
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 35-42T-720 (1029' FNL & 1171' FEL)					
Area	Three Rivers	Well	Three Rivers Fed 35-42T-720					
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 35-42T-720 PWB					
Facility	Sec.35-T7S-R20E	[						

ELLPATH D	ATA (87 station	s) † = interp	oolated/extrapo	lated station						
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
3913.00†	9.426	113.421	3880.61	405.81	-161.30	372.37	40°10'14.306"N	109°37'44.643"W	0.00	
4013.00†	9.426	113.421	3979.26	422.19	-167.81	387.40	40°10'14.242"N	109°37'44.450"W	0.00	
4113.00†	9.426	113.421	4077.91	438.56	-174.32	402.43	40°10'14.177"N	109°37'44.256"W	0.00	
4213.00†	9.426	113.421	4176.56	454.94	-180.83	417.46	40°10'14.113"N	109°37'44.062"W	0.00	
4313.00†	9.426	113.421	4275.21	471.32	-187.34	432.49	40°10'14.049"N	109°37'43.869"W	0.00	
4413.00†	9.426	113.421	4373.86	487.70	-193.85	447.51	40°10'13.984"N	109°37'43.675"W	0.00	
4513.00†	9.426	113.421	4472.51	504.07	-200.36	462.54	40°10'13.920"N	109°37'43.482"W	0.00	
4572.11	9.426	113.421	4530.83	513.76	-204.21	471.43	40°10'13.882"N	109°37'43.367"W	0.00	
4613.00†	8.608	113.421	4571.20	520.16	-206.76	477.31	40°10'13.857"N	109°37'43.291"W	2.00	
4648.16†	7.905	113.421	4606.00	525.21	-208.76	481.94	40°10'13.837"N	109°37'43.232"W	2.00	Mahogany
4713.00†	6.608	113.421	4670.32	533.40	-212.02	489.45	40°10'13.805"N	109°37'43.135"W	2.00	
4813.00†	4.608	113.421	4769.84	543.17	-215.90	498.42	40°10'13.766"N	109°37'43.019"W	2.00	
4913.00†	2.608	113.421	4869.63	549.47	-218.41	504.20	40°10'13.742"N	109°37'42.945"W	2.00	
5013.00†	0.608	113.421	4969.59	552.27	-219.52	506.77	40°10'13.731"N	/ 109°37'42.912"W	2.00	
5043.41	0.000	113.421	5000.00 <sup>1</sup>	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	2.00	
5113.00†	0.000	113.421	5069.59	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
5213.00†	0.000	113.421	5169.59	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
5299.41†	0.000	113.421	5256.00	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	Garden Gulch
5313.00†	0.000	113.421	5269.59	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
5413.00†	0.000	113.421	5369.59	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
5484.41†	0.000	113.421	5441.00	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	Lower Green River
5513.00†	0.000	113.421	5469.59	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
5613.00†	0.000	113.421	5569.59	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
5713.00†	0.000	113.421	5669.59	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
5813.00†	0.000	113.421	5769.59	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
5913.00†	0.000	113.421	5869.59	552.44	-219.59	506.92	40°10′13.730"N	109°37'42.910"W	0.00	
6013.00†	0.000	113.421	5969.59	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
6113.00†	0.000	113.421	6069.59	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
6213.00†	0.000	113.421	6169.59	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
6313.00†	0.000	113.421	6269.59	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
6413.00†	0.000	113.421	6369.59	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
6513.00†	0.000	113.421	6469.59	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
6613.00†	0.000	113.421	6569.59	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
6713.00†	0.000	113.421	6669.59	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
6813.00†	0.000	113.421	6769.59	552,44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
6913.00†	0.000	113.421	6869.59	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
7013.00†	0.000	113.421	6969.59	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
7113.00†	0.000	113.421	7069.59	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
7174.41†	0.000	113.421	7131.00	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W		Wasatch
7213.00†	0.000	113.421	7169.59	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
7313.00†	0.000	113.421	7269.59	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	
7373.41	0.000	113.421	7330.00	552.44	-219.59	506.92	40°10'13.730"N	109°37'42.910"W	0.00	i



# **Planned Wellpath Report**

Three Rivers Fed 35-42T-720 PWP Page 4 of 5



REFEREN	REFERENCE WELLPATH IDENTIFICATION							
Operator	ULTRA RESOURCES, INC Slot Three Rivers Fed 35-42T-720 (1029' FNL & 1171' FEL)							
Area	Three Rivers	Well	Three Rivers Fed 35-42T-720					
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 35-42T-720 PWB					
Facility	Sec.35-T7S-R20E							

HOLE & CASING SECTIONS - Ref Wellbore: Three Rivers Fed 35-42T-720 PWB Ref Wellpath: Three Rivers Fed 35-42T-720 PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
16in Conductor	13.00	120.00	107.00	13.00	120.00	0.00	0.00	0.00	0.00
12.25in Open Hole	120.00	1000.00	880.00	120.00	1000.00	0.00	0.00	0.00	0.00
8.625in Casing Surface	13.00	1000.00	987.00	13.00	1000.00	0.00	0.00	0.00	0.00
7.875in Open Hole	1000.00	7373.41	6373.41	1000.00	7330.00	0.00	0.00	-219.59	506.92
5.5in Casing Production	13.00	7373.41	7360.41	13.00	7330.00	0.00	0.00	-219.59	506.92

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
1) Three Rivers Fed 35-42T-720 Target On Plat 1300' FNL & 660' FEL	5043.41	5000.00			2163329.30	7236293.21	40°10'13.730"N	109°37'42.910"W	point
	7								



# **Planned Wellpath Report**

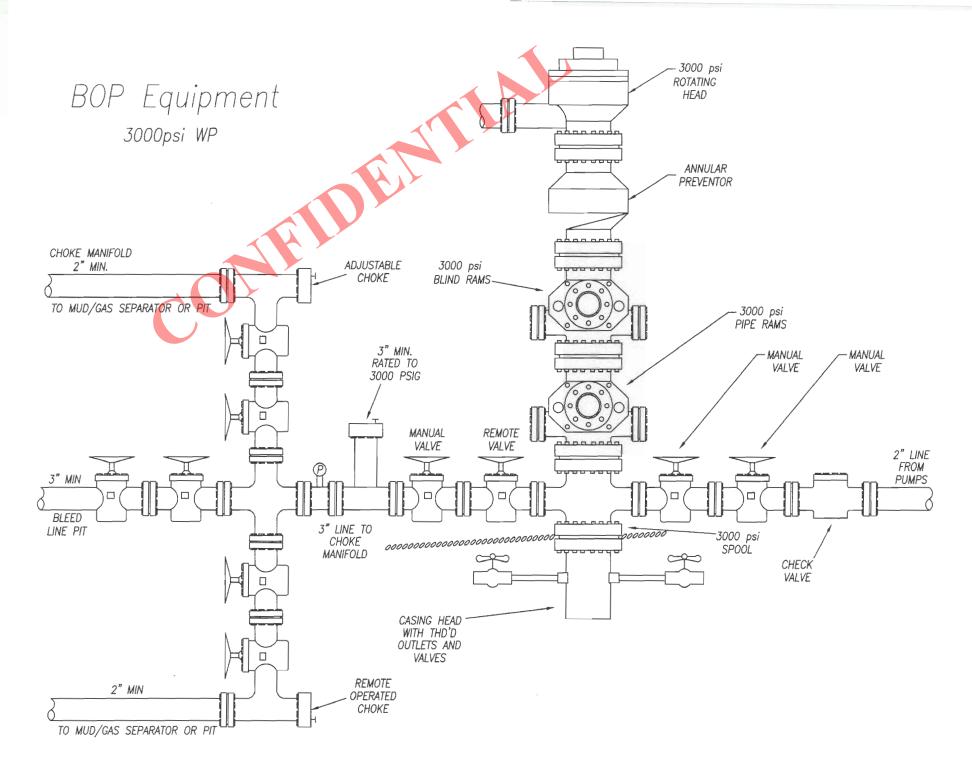
Three Rivers Fed 35-42T-720 PWP Page 5 of 5



REFERENC	REFERENCE WELLPATH IDENTIFICATION						
Operator	ULTRA RESOURCES, INC	Slot	Three Rivers Fed 35-42T-720 (1029' FNL & 1171' FEL)				
Area	Three Rivers	Well	Three Rivers Fed 35-42T-720				
Field	UINTAH COUNTY	Wellbore	Three Rivers Fed 35-42T-720 PWB				
Facility	Sec.35-T7S-R20E						

VELLPATH COMMENTS							
MD	Inclination	Azimuth	TVD	Comment			
[ft]	[°]	[°]	[ft]				
120.00	0.000	113.421	120.00	Base Gravel			
2665.55	9.426	113.421	2650.00	BMSW			
3284.91	9.426	113.421	3261.00	Green River Top			
4648.16	7.905	113.421	4606.00	Mahogany			
5299.41	0.000	113.421	5256.00	Garden Gulch			
5484.41	0.000	113.421	5441.00	Lower Green River			
7174.41	0.000	113.421	7131.00	Wasatch			







# Ultra Resources, Inc.

November 12, 2014

Mr. Dustin Doucet Utah Division of Oil, Gas & Mining 1594 West North Temple Salt Lake City, Utah 84116

RE: Request for Exception to Spacing
Three Rivers Fed 35-42T-720

Surface Location: 1029' FNL & 1171' FEL, NENE, Sec. 35, T7S, R20E Target Location: 1300' FNL & 660' FEL, NENE, Sec. 35, T7S, R20E

SLB&M, Uintah County, Utah

Dear Mr. Doucet:

Ultra Resources, Inc. ("Ultra") respectfully submits this request for exception to spacing (Docket No. 2013-030 / Cause No. 270-02) based on geology since the well is located less than 100 feet to the drilling unit boundary.

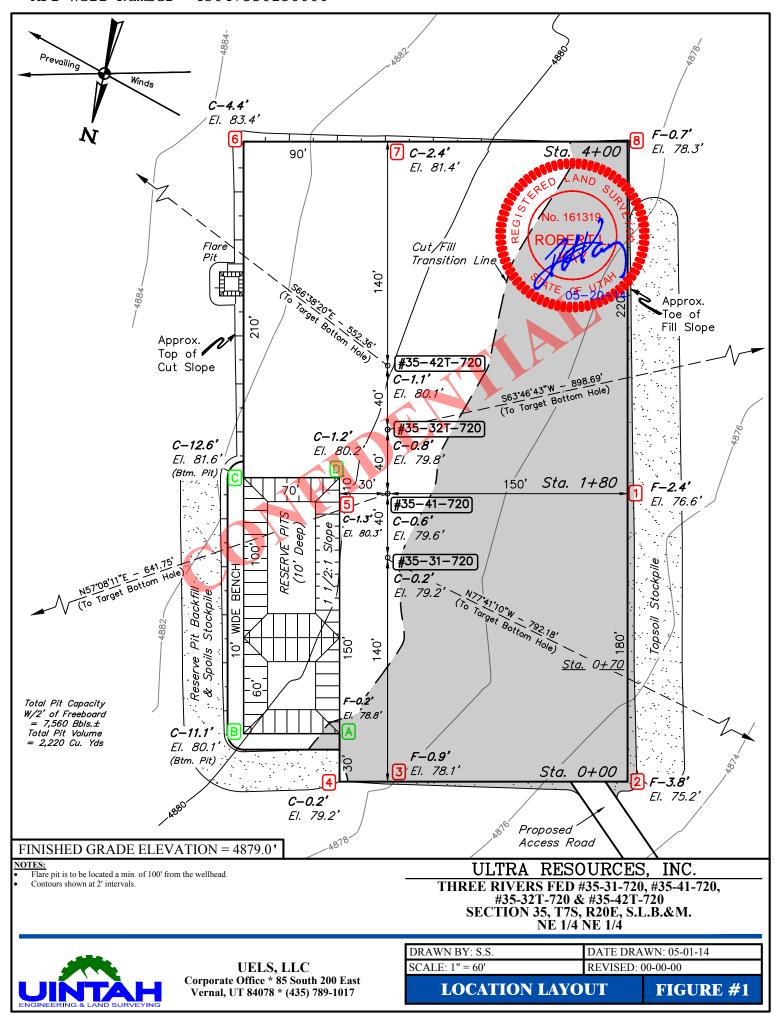
The adjacent drilling unit boundary is covered by the same lease and has the identical production interest owners in it.

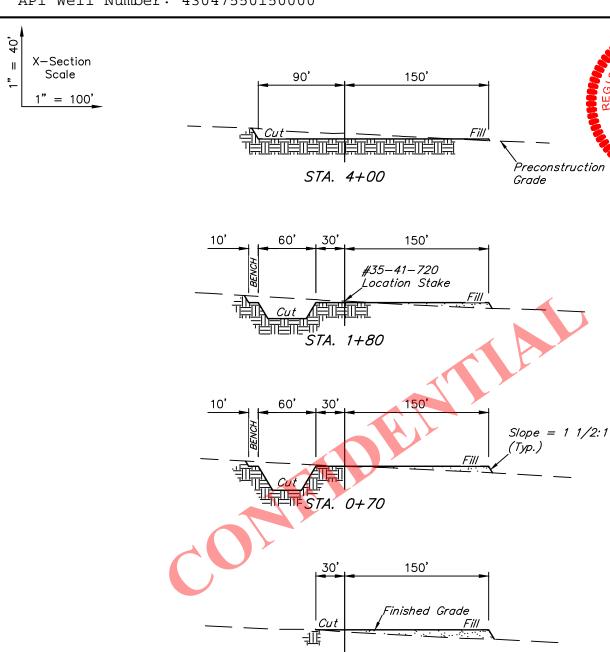
Ultra owns 100% of the leasehold within 460 feet of the surface and target location as well as all points along the intended well bore path.

Thank you very much for your timely consideration of this application. Please feel free to contact me at 303-645-9810 should you have any questions or need additional information.

Sincerely,

Jenna Anderson
Permitting Specialist





STA. 0+00

APPROXIMATE EARTHWORK QUANTITIES					
(6") TOPSOIL STRIPPING	1,880 Cu. Yds.				
REMAINING LOCATION	4,330 Cu. Yds.				
TOTAL CUT	6,210 Cu. Yds.				
FILL	3,220 Cu. Yds.				
EXCESS MATERIAL	2,990 Cu. Yds.				
TOPSOIL & PIT BACKFILL (1/2 Pit Vol.)	2,990 Cu. Yds.				
EXCESS UNBALANCE (After Interim Rehabilitation)	0 Cu. Yds.				

APPROXIMATE SURFACE DISTURBANCE AREAS							
	DISTANCE	ACRES					
WELL SITE DISTURBANCE	NA	±2.727					
30' WIDE ACCESS ROAD R-O-W DISTURBANCE	±1376.71'	±0.948					
30' WIDE PIPELINE R-O-W DISTURBANCE	±2786.51'	±1.919					
TOTAL SURFACE USE AREA	±4163.22'	±5.594					

# NOTES:

- Fill quantity includes 5% for compaction. Calculations based on 6" of topsoil stripping.
- Topsoil should not be stripped below finished grade on substructure area.

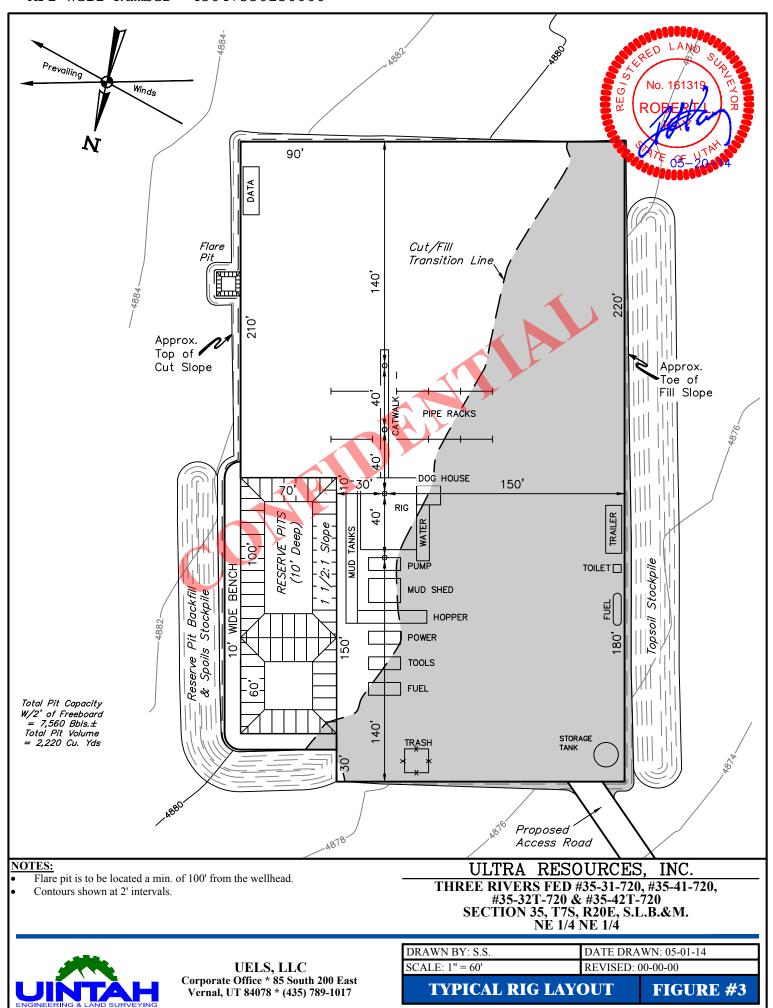
#### ULTRA RESOURCES, INC

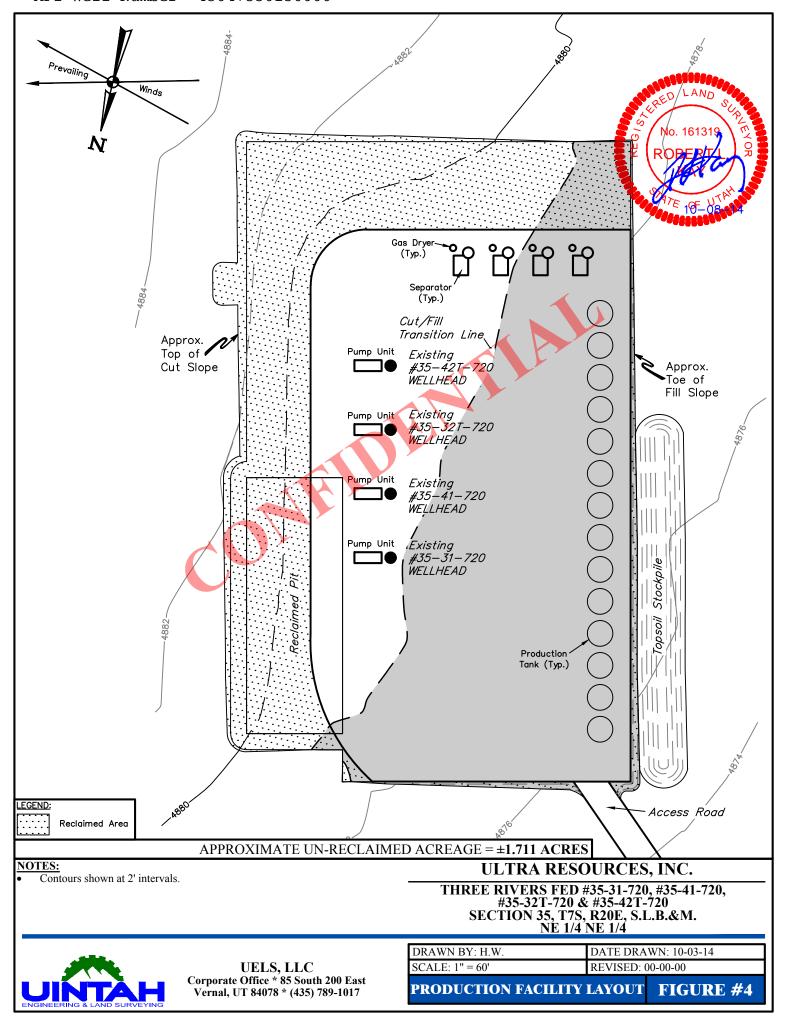
THREE RIVERS FED #35-31-720, #35-41-720, #35-32T-720 & #35-42T-720 SECTION 35, T7S, R20E, S.L.B.&M. NE 1/4 NE 1/4

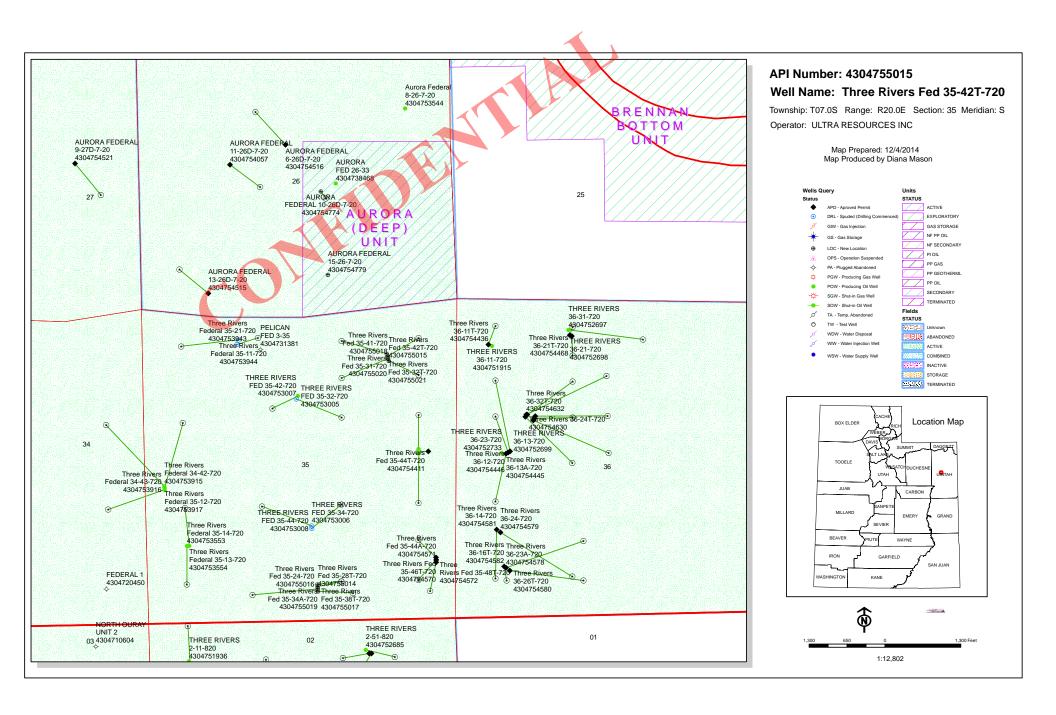


**UELS, LLC** Corporate Office \* 85 South 200 East Vernal, UT 84078 \* (435) 789-1017

TYPICAL CROSS SEC	TIONS FIGURE #2			
SCALE: AS SHOWN	REVISED: 00-00-00			
DRAWN BY: S.S.	DATE DRAWN: 05-01-14			







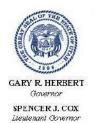
# **WORKSHEET** APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 11/24/2014 API NO. ASSIGNED: 43047550150000 WELL NAME: Three Rivers Fed 35-42T-720 **OPERATOR: ULTRA RESOURCES INC (N4045)** PHONE NUMBER: 435 719-2018 **CONTACT:** Don Hamilton PROPOSED LOCATION: NENE 35 070S 200E Permit Tech Review: **SURFACE: 1029 FNL 1171 FEL Engineering Review: BOTTOM:** 1300 FNL 0660 FEL Geology Review: **COUNTY: UINTAH LATITUDE**: 40.17141 ONGITUDE: -109.63036 **UTM SURF EASTINGS: 616621.00** NORTHINGS: 4447682.00 FIELD NAME: THREE RIVERS LEASE TYPE: 1 - Federal **LEASE NUMBER: UTU88623** PROPOSED PRODUCING FORMATION(S): GREEN RIVER - LOWER SURFACE OWNER: 1 - Federal **COALBED METHANE: NO RECEIVED AND/OR REVIEWED:** LOCATION AND SITING: ✓ PLAT R649-2-3. Bond: FEDERAL - UTB000593 Unit: Potash R649-3-2. General Oil Shale 190-5 Oil Shale 190-3 R649-3-3. Exception **Drilling Unit** Oil Shale 190-13 Board Cause No: Cause 270-02 Water Permit: 43-10988 Effective Date: 11/9/2013 **RDCC Review:** Siting: 2 WELLS PER 40 ACRES Fee Surface Agreement **Intent to Commingle** R649-3-11. Directional Drill **Commingling Approved** 

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason

15 - Directional - dmason



# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

# Permit To Drill

\*\*\*\*\*\*

Well Name: Three Rivers Fed 35-42T-720

**API Well Number:** 43047550150000

Lease Number: UTU88623 Surface Owner: FEDERAL Approval Date: 12/8/2014

## Issued to:

ULTRA RESOURCES INC, 304 Inverness Way South #295, Englewood, CO 80112

## Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 270-02. The expected producing formation or pool is the GREEN RIVER - LOWER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

#### **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

#### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

# **Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

# **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil &

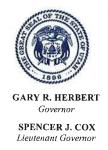
# Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
  - Requests to Change Plans (Form 9) due prior to implementation
  - Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
  - Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

For John Rogers Associate Director, Oil & Gas



# State of Utah

### **DEPARTMENT OF NATURAL RESOURCES**

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

February 4, 2016

Ultra Resources Inc. 116 Inverness Dr. E Ste. 400 Englewood, CO 80112

Re: APDs Rescinded for Ultra Resources, Inc. Uintah County

Ladies and Gentlemen:

Enclosed find the list of APDs that you asked to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded effective February 4, 2016.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

Environmental Scientist

cc: Well File

Bureau of Land Management, Vernal



- 43-047-55015 Three Rivers Fed 35-42T-720
- 43-047-55017 Three Rivers Fed 35-38T-720
- 43-047-55018 Three Rivers Fed 35-41-720
- 43-047-55020 Three Rivers Fed 35-31-720
- 43-047-55021 Three Rivers Fed 35-32T-720
- 43-047-55077 Three Rivers Fed 3-34T-820
- 43-047-55078 Three Rivers Fed 3-36T-820
- 43-047-55080 Three Rivers Fed 3-44T-820
- 43-047-55084 Three Rivers Fed 4-42T-820
- 43-047-55085 Three Rivers Fed 3-12T-820
- 43-047-55016 Three Rivers Fed 35-24-720
- 43-047-55014 Three Rivers Fed 35-28T-720
- 43-047-54788 Three Rivers 4-44-820
- 43-047-55082 Three Rivers Fed 10-21T-820
- 43-047-55083 Three Rivers Fed 10-22T-820
- 43-047-55019 Three Rivers Fed 35-34A-720